UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/805,948	03/15/2001	Daisuke Imamura	204669US2S	3635

			EXAMINER
22850	7590	09/22/2004	KENDALL, CHUCK O

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
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ALEXANDRIA, VA 22314

ART UNIT	PAPER NUMBER
2122	

DATE MAILED: 09/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _15 March 2001_.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
    closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-9_ is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) _1-9_ is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
        1.☐ Certified copies of the priority documents have been received.
        2.☐ Certified copies of the priority documents have been received in Application No. _____.
        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
            application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
   Paper No(s)/Mail Date _6_.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1.   This action is in response to the application filed 03/15/01.

2.   Claims 1 – 9 are pending.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   Claims 1 – 9 are rejected under 35 U.S.C. 102(e) as being anticipated by Beauchamp et

al. USPN 6,621,505 B1.

Regarding claim 1, a computer program product stored on a computer-readable medium

for controlling a screen, the program product comprising:

a dynamic display information acquisition program code that acquires dynamic display

processing identification information for specifying dynamic display processing reserved for

acquiring display contents to be dynamically changed and display attribute information used by

dynamic display processing specified by this dynamic display processing identification

information (7: 10 – 32, see program instructions and implement client interface also see

receiving and processing data on a first screen also see 12: 64 –13:5, for identification); and

an attribute information providing program code that provides the display attribute

information corresponding to dynamic display processing for dynamic display processing

specified by the dynamic display processing identification information acquired by the dynamic

display information acquisition program code (24: 43 – 54, see programmatically and user procedure for access and manipulating data elements independently.

Regarding claim 2, a computer program product stored on a computer-readable medium for controlling a screen as claimed in claim 1, wherein said attribute information providing program code incorporates dynamic display processing specified by dynamic display processing identification information acquired by said dynamic display information acquisition program code (21:19 – 35).

Regarding claim 3, a computer program product stored on a computer-readable medium for controlling a screen as claimed in claim 1, wherein said dynamic display processing is processing for carrying out search based on the contents of display attribute information (4:50 – 60, see query).

Regarding claim 4, which recites similarly to claim 1, see rationale as previously discussed above.

Regarding claim 5, a computer program product stored on a computer-readable medium for acquiring a dynamic display information as claimed in claim 4, further comprising:

a format converting program code that converts the dynamic display processing identification information and display attribute information described in a predetermined format in a format that can be handled by a screen control program code (21:35 – 39, see XML generator).

Regarding claim 6, a computer program product stored on a computer-readable medium for transacting a screen display, the program product comprising:

a storage program code that judges whether or not the contents of input to the screen are normal, and in the case where it is judged that the contents are normal, stores the input contents as screen display transaction information (27:57 – 60, see validation); and

a reproduction program code that, in the case where a re-display instruction is accepted, reproduces normal input contents at an arbitrary time on a screen by referring to the screen display transaction information stored by the storage program code (24: 18 – 30).

Regarding claim 7, a computer readable recording medium having recorded therein a screen component interface program code that exchanges data between a screen components hierarchically combined to configure a screen program (5:25 – 30).

Regarding claim 8, a computer readable recording medium having recorded therein a screen component interface program code that exchanges data between a screen component reserved for configuring a screen program and a custom component loaded to add at least one of the functions and data to this screen component (28: 1 – 5).

Regarding claim 9, a method for creating a screen program by a computer system, comprising the steps of:

displaying a screen for causing a user to select a screen component reserved for configuring a screen program and its disposition position (15: 25 – 35, see position);

receiving a user selection contents of the screen component and its disposition position 15: 5 – 40);

displaying a screen for causing a user to select a custom component loaded to add at least one of the functions and data to the screen component selected by the user (16: 63 – 65);

receiving a user selection contents of the custom component(16: 63 – 65); and

loading a custom component to the screen component selected by the user to be provided as a constituent element of the screen program (16:56 – 59, see input validations).
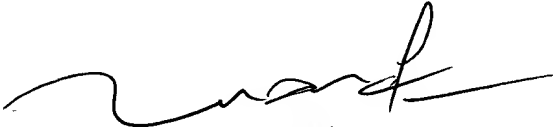
Conclusion

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuck Kendall whose telephone number is 703-3086608. The examiner can normally be reached on 10:00 am - 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Dam can be reached on 703-3054552. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CK.

TUAN DAM
SUPERVISORY PATENT EXAMINER